

**Web**Results 1 - 10 of about **6,460** for "**network device**" **extend functionality**. (0.23 seconds)**The Phoenix Framework: A Practical Architecture for Programmable ...**

... devices and add new **functionality**. Such a facility makes the network infrastructure very flexible since an agent can **extend the network device** capability on ...

[www.intel.com/technology/itj/q31999/articles/art\\_1c.htm](http://www.intel.com/technology/itj/q31999/articles/art_1c.htm) - 10k - [Cached](#) - [Similar pages](#)

**[PDF] TARARI ANTI-VIRUS CONTENT PROCESSOR FACT SHEET**

File Format: PDF/Adobe Acrobat

... resources are offloaded enabling Anti-Virus solutions to **extend functionality** in areas such ... to easily snap into server, appliance and **network device** based Anti ...

[www.tarari.com/PDF/AV\\_FACT\\_SHEET.pdf](http://www.tarari.com/PDF/AV_FACT_SHEET.pdf) - [Similar pages](#)

**[PDF] P360 rev 2.3**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... P-560 Hotspot-in-a-Box is a stand alone **network device** designed to ... with three different Software licenses allowing operators to **extend functionality** as their ...

[www.gemtek-systems.com/pdf/p560.pdf](http://www.gemtek-systems.com/pdf/p560.pdf) - [Similar pages](#)

**TRIPWIRE JOINS JUNIPER NETWORKS OSS ALLIANCE PARTNER PROGRAM...**

... partners develop applications that **extend the functionality** ... offer best-in-class **functionality** and selects ... detailed visibility into **network device** changes and ...

[www.tripwire.com/press/pr.cfm?prid=210](http://www.tripwire.com/press/pr.cfm?prid=210) - 17k - Apr 7, 2004 - [Cached](#) - [Similar pages](#)

**Fast Path to Secure Systems Architectures and Network Designs**

... On a regular basis, audit these aspects of each **network device**: • ... Provides the capability to **extend functionality** by adding third-party or custom software. ...

[www.microsoft.com/technet/security/tips/sysarch.mspx](http://www.microsoft.com/technet/security/tips/sysarch.mspx) - 42k - [Cached](#) - [Similar pages](#)

**Gigabit Ethernet Extended to Network Edge With New ProCurve ...**

... line of Gigabit Ethernet solutions that **extend the reach** ... Plus offers all of the **functionality** of HP ... without having to access each **network device** individually. ...

[www.enterprisenetworksandservers.com/monthly/art.php/359](http://www.enterprisenetworksandservers.com/monthly/art.php/359) - 21k - [Cached](#) - [Similar pages](#)

**Network Device Management Software - Software, Hardware, Services ...**

... Your search for Keyword: **Network Device Management Software** ... 31, 2004 - DEVELOPING APPLICATIONS TO **EXTEND YOUR DATA** ... a high degree of **functionality** is desired. ...

[partners.knowledgestorm.com/.../Network%20Device%20Management%20Software](http://partners.knowledgestorm.com/.../Network%20Device%20Management%20Software) - 101k - [Cached](#) - [Similar pages](#)

**Zvon - RFC 3670 [Information Model for Describing Network Device ...**

... the data forwarding path of a host or **network device**. ... association) to indicate that its **functionality** underlies that ... Implementations are free to **extend this** (eg ...

[www.zvon.org/tmRFC/RFC3670/Output/chapter4.html](http://www.zvon.org/tmRFC/RFC3670/Output/chapter4.html) - 101k - [Cached](#) - [Similar pages](#)

**F5 Networks - iControl Benefits**

... Servers and Reduce Management Touchpoints For teams wishing to centralize **network device** management from their ... **Extend Network Functionality** and Net ...

[www.f5.com/f5products/iControl/benefits.html](http://www.f5.com/f5products/iControl/benefits.html) - 14k - [Cached](#) - [Similar pages](#)

**Cisco - Cisco Internet OSS Programmable Network Solutions**

... is a new form of **network device** that provides an ... existing service offerings with new **functionality** such as ... Cisco is working to **extend the Configuration Express** ...

[www.cisco.com/warp/public/cc/pd/nemnsw/2100/prodlit/ae21\\_wp.htm](http://www.cisco.com/warp/public/cc/pd/nemnsw/2100/prodlit/ae21_wp.htm) - 22k - [Cached](#) - [Similar pages](#)

# Publications

## Architecture Documents

- Architectural Framework for Active Networks ([ps](#),[pdf](#)), Ken Calvert, editor.
- Composable Services for Active Networks ([ps](#), [pdf](#)), Ellen Zegura, editor.

## Papers and Presentations

### **Active Reliable Multicast on CANEs: A Case Study.**

M. Sanders, M. Keaton, S. Bhattacharjee, K. Calvert, S. Zabele and E. Zegura,  
*Proceedings of IEEE OpenArch 2001*, Anchorage, Alaska, April 2001.

Paper: [ps](#),[pdf](#) Talk: [ps](#),[pdf](#)

### **Bowman: A Node OS for Active Networks.**

S. Merugu, S. Bhattacharjee, E. Zegura and K. Calvert,  
*Proceedings of IEEE Infocom 2000*, Tel Aviv, Israel, March 2000.

Paper: [ps](#),[pdf](#) Talk: [ps](#),[pdf](#)

### **Exposing the network: Support for topology sensitive applications.**

Y. Chae, S. Merugu, E. Zegura and S. Bhattacharjee,  
*Proceedings of IEEE OpenArch 2000*, Tel Aviv, Israel, March 2000.

Paper: [ps](#),[pdf](#) Talk: [ps](#),[pdf](#)

### **Bowman and CANEs: Implementation of an Active Network.**

S. Merugu, S. Bhattacharjee, Y. Chae, M. Sanders, K. Calvert and E. Zegura,  
Invited paper at *37th Annual Allerton Conference*, Monticello, IL, Sept 1999.

Paper: [ps](#),[pdf](#)

### **Reasoning About Active Network Protocols.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Proceedings of ICNP '98*, Austin, TX, October 1998.

Paper: [ps](#),[pdf](#) Talk: [ps](#),[pdf](#),

Extended version of paper: [ps](#),[pdf](#)

### **Self-Organizing Wide-Area Network Caches.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Proceedings of IEEE Infocom'98*, San Francisco, CA, March 1998.

Paper: [ps](#),[pdf](#) Talk: [ps](#),[pdf](#)

### **Congestion Control and Caching in CANES.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Proceedings of ICC '98*, Atlanta, GA, 1998.

Paper: [ps](#), [pdf](#) Talk: [ps](#), [pdf](#)

**Active Networking and End-to-End Arguments.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*IEEE Network Magazine*, 1998.

Paper: [ps](#), [pdf](#)

**Directions in Active Networks.**

K. Calvert, S. Bhattacharjee, E. Zegura and J. Sterbenz,  
*IEEE Communications Magazine*, 1998.

Paper: [ps](#), [pdf](#)

**Performance of Application-Specific Buffering Schemes for Active Networks.**

S. Bhattacharjee, M. W. McKinnon,  
*Technical Report GIT-CC-98-17*, College of Computing, Georgia Tech

Paper: [ps](#), [pdf](#)

**Active Networking and the End-to-End Argument.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Proceedings of ICNP '97*, Atlanta, GA, October 1997.

Paper: [ps](#), [pdf](#) Talk: [ps](#), [pdf](#)

**An Architecture for Active Networking.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Proceedings of High Performance Networking (HPN'97)*, White Plains, NY, April 1997.

Paper: [ps](#), [pdf](#)

**On Active Networking and Congestion.**

S. Bhattacharjee, K. Calvert and E. Zegura,  
*Technical Report GIT-CC-96-02*, College of Computing, Georgia Tech, 1996.

Paper: [ps](#), [pdf](#)

## **Presentations**

**Team 4 Demonstration Presentation.**

Presented at *DARPA AN PI Meeting*, Atlanta, GA, December 2000.

Talk: [ppt](#)

**Composable Active Network Elements: Lessons Learned.**

E. Zegura and K. Calvert,  
Presented at *DARPA AN PI Meeting*, Portland, OR, June 2000.

Talk: [ps](#), [pdf](#)

**LIANE - Composition for Active Networks.**

S. Bhattacharjee, K. Calvert, and E. Zegura,  
Presented at *IEEE Computer Communications Workshop*, September 1998.

Talk: [ps](#), [pdf](#)

**Performance Issues in Active Networks.**

S. Bhattacharjee,  
(Panel Presentation). *Gigabit Networking Workshop '98*, San Francisco, CA, March 1998.

Talk: [ps, pdf](#)

**CANes: A Modest Approach to Active Networking.**

K. Calvert, E. Zegura, J. Sterbenz,

Presented at *IEEE Computer Communications Workshop*, September 1997.

Talk: [ps, pdf](#)

**High Speed Web: An Application for Active Caching.**

S. Bhattacharjee, K. Calvert, and E. Zegura,

Presented at *Gigabit Networking Workshop '97*, Kobe, Japan, March 1997.

Talk: [ps, pdf](#)

**Implementation of an Active Networking Architecture.**

S. Bhattacharjee, K. Calvert and E. Zegura,

Presented at *Gigabit Switch Technology Workshop*, Washington University, St. Louis, July 1996.

Talk: [temporarily unavailable](#)

**Tera-Op Networking: Local Adaptation to Congestion.**

K. Calvert, E. Zegura, and S. Bhattacharjee,

Presented at *Gigabit Networking Workshop '96*, San Francisco, CA, March 1996.

Talk: [ps, pdf](#)

A talk on ANSWER, our active network simulator is available here: [ps, pdf](#)

A talk on LIANE, a composition mechanism for active networks is available here: [ps, pdf](#)

A talk on CoD (Control on Demand), an active networking platform co-developed by Samrat Bhattacharjee at AT&T Labs is available here: [ps, pdf](#)

## Project Status Reports

- [Quarterly Report 1: 6/11/97-9/11/97](#)
- [Quarterly Report 2: 9/11/97-12/11/97](#)
- [Quarterly Report 3: 12/11/97-3/11/98](#)
- [Quarterly Report 4: 3/11/98-6/11/98](#)
- [Quarterly Report 5: 6/11/98-9/11/98](#)
- [Quarterly Report 7: 12/11/98-3/11/99](#)
- Quarterly Report 8: 3/11/99-6/11/99 (see Annual Report)
- [Quarterly Report 9: 6/11/99-9/11/99](#)
- [Quarterly Report 10: 9/11/99-12/11/99](#)
- [Quarterly Report 11: 12/11/99-3/11/00](#)
- Quarterly Report 12: 3/11/00-6/11/00 (see Annual Report)
- [Quarterly Report 13: 6/11/00-9/11/00](#)
- [Quarterly Report 14: 9/11/00-12/11/00](#)

## Minutes from Meetings

- [Minutes from Active Network Achitecture Meeting](#), November 14, 1997, Atlanta, GA.
  - [Minutes from Composable Services Meeting](#), March 9-10, 1998, Tucson, AZ.
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## Publications

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- *Towards Programmable Networks*, Y. Yemini and S. da Silva. *IFIP/IEEE International Workshop on Distributed Systems: Operations and Management*, L'Aquila, Italy, October, 1996.
  - The paper in [Postscript](#) or [Acrobat](#).
  - [Slides and notes](#) from the talk.
- DARPA Active Networks Workshop, University of Pennsylvania, Philadelphia, PA, June 10-12, 1997.
  - [Slides from our presentation](#).
- DARPA Active Networks Workshop, Tucson, AZ, March 9-10, 1998.
  - [Composing Active Services in NetScript](#), position paper by S. da Silva, D. Florissi and Y. Yemini.
- [NetScript Tutorial](#), Sushil da Silva, Version 0.10, October 1998.
- *The Network Flow Language: A Mark-based Approach to Active Networks*, Y. Yemini, S. da Silva, D. Florissi, and H. Huang, Technical Report, Columbia University Computer Science Department, July 1999.

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